

5.3.3 Evaluate the costs & benefits of to society of the WHO's ban on the use of DDT

2.1.5 Discuss how pyramid Structure affects the functioning of an ecosystem.

Biomagnification & Bioaccumulation

Chemicals build up in an organism's tissue.

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- When one organism eats another & takes in toxicants.

- Toxicants Move up the Food chain.

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Toxicants get Magnified as you go up Food Chain.

Atmospheric Currents
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Polar Organisms get more toxicants

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Water Currents

NA birds of prey impacted by DDT. DDT makes bird's shells thinner.

Polar Bears @ N. Pole have very high Concentration of PCB's

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immune suppression
hormone disruption
high cub mortality